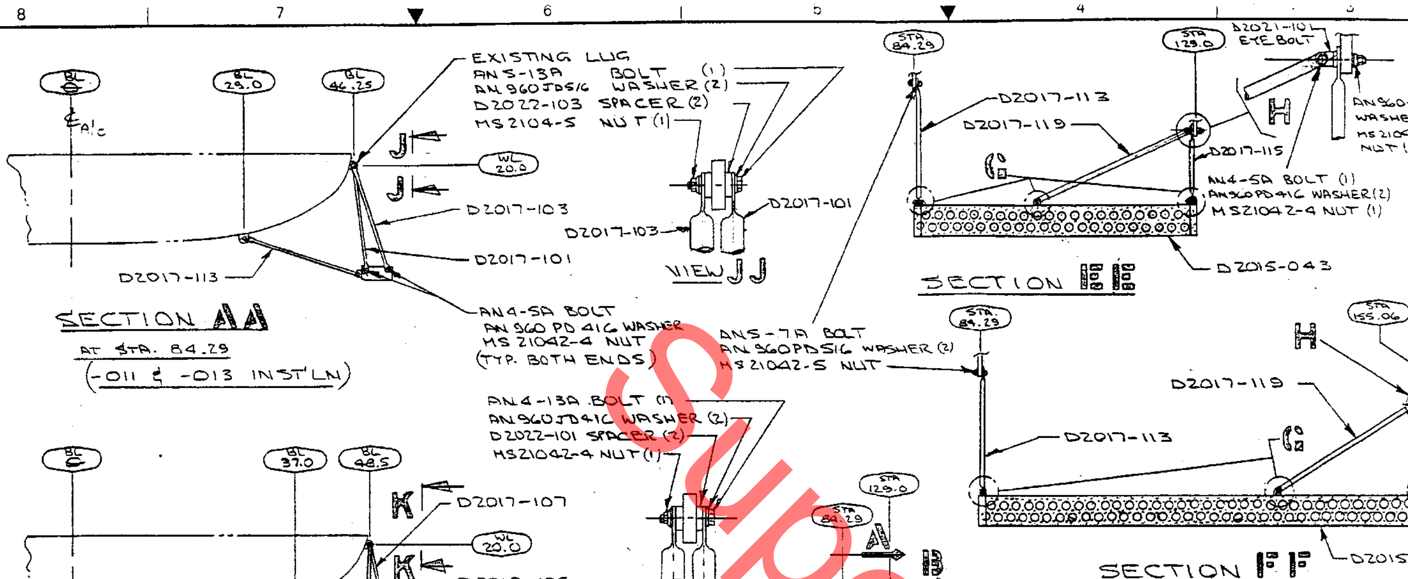

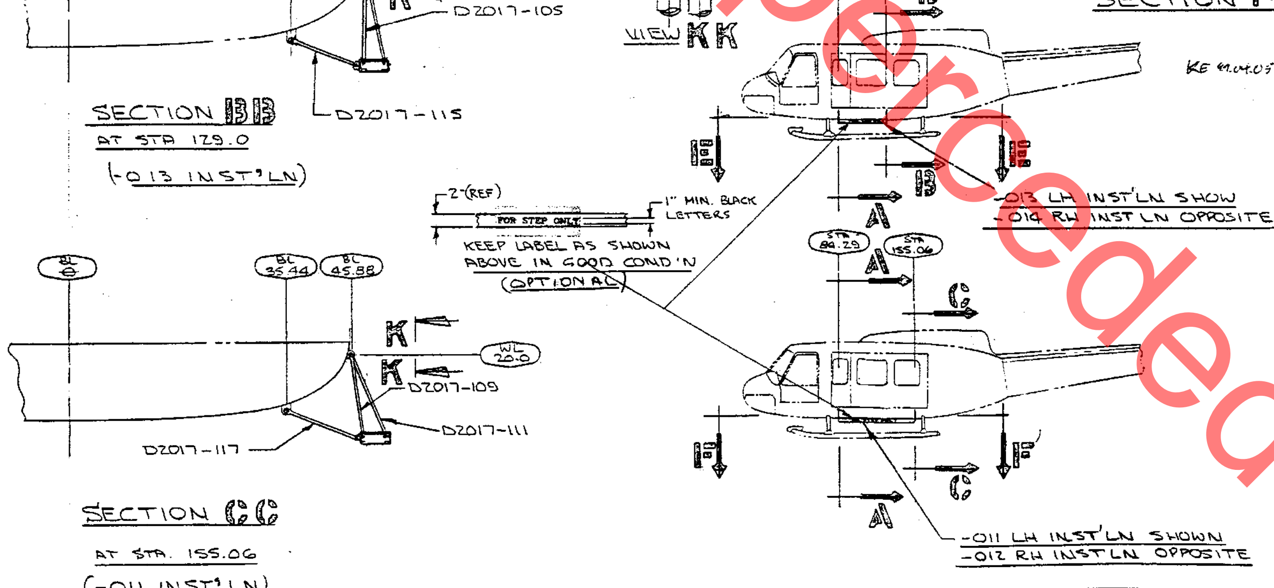

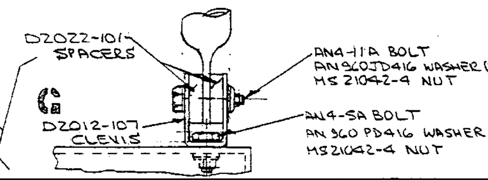

WEIGHT & BALANCE DATA

ITEM	DESCRIPTION	WT (lb)	LONGITUDINAL ARM	LONGITUDINAL MOMENT	LATERAL ARM	LATERAL MOMENT
-011	LONG STEP LH	9.5	120	1140	-49	-466
-012	LONG STEP RH	9.5	120	1140	+49	+466
-013	SHORT STEP LH	6.7	107	717	-49	-328
-014	SHORT STEP RH	6.7	107	717	+49	+328

GENERAL NOTES

1. ENSURE THAT THIS MODIFICATION IS COMPATABLE WITH AND DOES NOT CONFLICT WITH ANY PREVIOUS MODIFICATION.
2. PRIOR TO INSTALLATION, INSPECT THE MOUNTING LUGS TO ENSURE THAT THEY ARE IN AIRWORTHINESS CONDITION.
3. WORKMANSHIP SHOULD BE TO THE NORMAL STANDARDS OF THE AIRCRAFT MAINTENANCE MANUAL AND AC43.13.1A & 2A.

-014	-013	-012	-011	PART NO.	ITEM	DESCRIPTION	MATERIAL	SPEC./VENDOR
2	2	2	2	MS21042-5		NUT		
13	13	13	13	MS21042-4		NUT		
12	12	12	12	AN960JD516		WASHER		
18	18	18	18	AN960JD416		WASHER		
1	1	1	1	AN5-13A		BOLT		
1	1	1	1	AN5-7A				
1	1	1	1	AN4-13A				
3	3	3	3	AN4-11A				
8	8	8	8	AN4-5A		BOLT		
2	2	2	2	D2022-103		SPACER		DART
8	8	8	8	D2022-101		SPACER		
1	1	1	1	D2021-101		EYEBOLT		
1	1	1	1	D2017-119		BRACE		
		1	1	D2017-117		STRUT	STA. 155	
1	1	1	1	D2017-115		STRUT	STA. 129	
1	1	1	1	D2017-113		STRUT	STA. 84	
		1	1	D2017-111		TIE	STA. 155	
		1	1	D2017-109		TIE	STA. 155	
1	1			D2017-107		TIE	STA. 129	
1	1			D2017-105		TIE	STA. 129	
1	1	1	1	D2017-103		TIE	STA. 84	
1	1	1	1	D2017-101		TIE	STA. 84	
1	1			D2015-043		SHORT STEP ASSEMBLY		
		1	1	D2015-041		LONG STEP ASSEMBLY		DART
3	3	3	3	D2012-107		CLEVIS		
X				D205-573	-014	SHORT STEP INSTALLATION RH		
	X				-013	SHORT STEP INSTALLATION LH		
		X			-012	LONG STEP INSTALLATION RH		
			X	D205-573	-011	LONG STEP INSTALLATION LH		

QTY REQUIRED

KE 99.04.05

REVISION	DRAWN	APPROVED	DESCRIPTION OF CHANGE
B	BRADLEY		90.8.15 REDRAWN
C			AN4-11A was 10A, AN5-13A was 12A, PD washer was JD

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REQUIREMENTS — UNLESS OTHERWISE SPECIFIED

GENERAL
1. DIMENSIONS ARE IN INCHES
2. SURFACE ROUGHNESS 125
3. REMOVE SHARP EDGES .015 MAX
4. THREADS PER MIL-S-7742
5. HOLES PER AND 10387

LIMITS
1. TOLERANCES — .XX ± .030, .XXX ± .010
2. ANGLES ± ½°
3. PARALLELISM .0025
4. ECCENTRICITY .005 MAX
5. SYMMETRY ABOUT ALL M/C CENTRE LINES .006

RIVET CODE SHALL BE PER NAS 523

BASIC CODE — DIA. DASH NO.; N=HEAD NEAR SIDE; F=HEAD FAR SIDE; D=DIMPLE; DASH NO. OF SHEETS; C=COUNTERSINK; LENGTH DASH NO.; W=SPOTWELD

BASIC CODES
BJ=MS20470AD
BB=MS20426AD

REPORT ALL DISCREPANCIES — DO NOT SCALE

INST'LN	MODEL	EFFECTIVITY	REQ'N	SER. NO.

APPROVAL

CONTRACT NO.:
DRAWN: BRADLEY — DATE 90.08.15
DESIGN: BRADLEY — 90.08.15
STRESS:
CHECKED:
CLIENT:

DART AERO ACCESSORIES INC. VANCOUVER CANADA

BELL 205/212/214/412

TITLE: PASSENGER ACCESS STEP

CODE — DWG. NO. D205-573 — REV C

SCALE 1:10 — SHT 1 OF 1